

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): An electronic network comprising:
a first electronic device associated with a second electronic device, said association providing for the transfer of data between said first electronic device and said second electronic device;
a third electronic device, wherein said third electronic device:
loads a probe program in said first electronic device, wherein said probe program causes said first electronic device to: transmit data to said second electronic device; measure the response time of data transfers between said first electronic device and said second electronic device, and transmit said response time to said third electronic device;
compares the measured response time to a preselected response time; and
provides an indication if said measured response time is greater than said preselected response time.

Claim 2 (original) The electronic network of claim 1, wherein said first electronic device is a computer.

Claim 3 (previously presented): The electronic network of claim 1, wherein said third electronic device establishes said preselected response time.

Claim 4 (previously presented): The electronic network of claim 1, wherein said third electronic device is a computer.

Claim 5 (previously presented): The electronic network of claim 1, and further comprising at least one fourth electronic device operatively connected between said first electronic device and said second electronic device, wherein said response time is a plurality of response times between said first electronic device and said at least one fourth electronic device and between said at least one fourth electronic device and said second electronic device.

Claim 6 (previously presented) The electronic network of claim 1, wherein said third electronic device measures the response time of data transfers between said first electronic device and said second electronic device and compares the measured response time to said preselected response time at preselected time intervals.

Claim 7 (original) The electronic network of claim 1, wherein said indication includes said measured response time.

Claim 8 (currently amended): A computer network comprising:
a computer associated with at least one first electronic device, the association providing for the transfer of data between said first computer and said at least one first electronic device;
a second electronic device connected to said first electronic device;
said computer having a computer-readable medium associated therewith, said computer-readable medium containing instructions for controlling said computer to monitor said network by:

loading a probe program in said first electronic device, wherein said probe program transmits data to said second electronic device, measures the response time of data transfers between said first electronic device and said second electronic device, and transmits said response time to said computer;

comparing the measured response time to a preselected response time;
and

providing an indication if said measured response time is greater than said preselected response time.

Claims 9 and 10 (cancelled)

Claim 11 (previously presented): The computer network of claim 8, wherein said computer-readable medium further comprises instructions for displaying a graphical representation of said network, wherein the portion of said network causing said measured response time to exceed said preselected response time is distinguishable from other portions of said representation of said network.

Claim 12 (previously presented): The computer network of claim 8, wherein said instructions further measure said response time and compares said response time to said preselected response time at a preselected time interval.

Claim 13 (original): The computer network of claim 8, wherein said indication includes said measured response time.

Claim 14 (original) The computer network of claim 8, wherein said indication includes said preselected response time.

Claim 15 (previously presented): The computer network of claim 8 and further comprising at least one third electronic device operatively connected between said first electronic device and said at least one second electronic device.

Claim 16 (previously presented): The computer network of claim 15, wherein said at least one third electronic device is a router.

Claim 17 (currently amended): A method for monitoring a computer network, said method comprising:

loading a probe program in a first electronic device, said first electronic device being a network device, wherein said probe program causes said first electronic device to transmit data to at least one second electronic device, wherein said probe measures the response time of data transfers between said first electronic device said at least one second electronic device, and wherein said probe transmits said response time to a computer;

establishing a preselected data response time between said first electronic device and at least one second electronic device;

comparing said preselected data response time to said actual data response time; and

providing an indication if said actual data response time is greater than said preselected data response time.

Claim 18 (cancelled)

Claim 19 (previously presented): The method of claim 17, wherein said providing an indication comprises providing an indication to said computer if said actual data response time is greater than said preselected data response time.

Claim 20 (original) The method of claim 17, wherein said at least one first electronic device is a router.

Claim 21 (original): The method of claim 17, wherein said at least one first electronic device is a computer.

Claim 22 (original): The method of claim 17, wherein said measuring and said comparing are performed at preselected time intervals.

Claim 23 (original): The method of claim 17, wherein said providing an indication further comprises providing said measured response time.

Claim 24 (original): The method of claim 17, wherein said providing an indication further comprises providing said preselected response time.

Claims 25-27 (cancelled)

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